

RECEIVED

MAR 22 2002

TECH CENTER 1600/2900

1602



ENTERED 1600

# 17

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/424,840B

DATE: 03/11/2002  
 TIME: 09:51:56

Input Set : A:\100564-09049.txt  
 Output Set: N:\CRF3\03112002\I424840B.raw

```

3 <110> APPLICANT: Berchtold, Peter
4   Escher, Robert F. A.
6 <120> TITLE OF INVENTION: ANTI-GPIIB/IIIA RECOMBINANT ANTIBODIES
8 <130> FILE REFERENCE: 100564-09049
10 <140> CURRENT APPLICATION NUMBER: 09/424,840B
11 <141> CURRENT FILING DATE: 1999-12-03
13 <150> PRIOR APPLICATION NUMBER: DE 19820663.1
14 <151> PRIOR FILING DATE: 1998-05-08
16 <150> PRIOR APPLICATION NUMBER: DE 19755227.7
17 <151> PRIOR FILING DATE: 1997-12-12
19 <150> PRIOR APPLICATION NUMBER: DE 19723904.8
20 <151> PRIOR FILING DATE: 1997-06-06
22 <160> NUMBER OF SEQ ID NOS: 128
24 <170> SOFTWARE: PatentIn version 3.1
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 357
28 <212> TYPE: DNA
29 <213> ORGANISM: Homo sapiens
31 <220> FEATURE:
32 <221> NAME/KEY: CDS
33 <222> LOCATION: (1)..(357)
34 <223> OTHER INFORMATION:
37 <400> SEQUENCE: 1
38 cag gtg aaa ctg ctc gag tcg ggc cca gga ctg gtg aag cct tcg gag      48
39 Gln Val Lys Leu Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
40 1                               5                               10                               15
42 acc ctg tcc ctc aac tgc act gtc tct ggt cgc tcc atc agt ggt tac      96
43 Thr Leu Ser Leu Asn Cys Thr Val Ser Gly Arg Ser Ile Ser Gly Tyr
44                               20                               25                               30
46 tct tgg aga tgg atc cgg cag tct cca ggg aag gga cta gag tgg att      144
47 Ser Trp Arg Trp Ile Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile
48                               35                               40                               45
50 ggg gat atc tct tat agt ggg agt acc aag tac aaa ccc tcc ctc agg      192
51 Gly Asp Ile Ser Tyr Ser Gly Ser Thr Lys Tyr Lys Pro Ser Leu Arg
52                               50                               55                               60
54 agt cga gtc acc ctg tca gta gac acg tcc aag aac cag ttc tcc ctg      240
55 Ser Arg Val Thr Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
56 65                               70                               75                               80
58 aag ctg aat tcg gtg acc gct gcg gac acg gcc gtc tat tac tgt gcg      288
59 Lys Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
60                               85                               90                               95
62 cga gtc ttg ccc ttt gac ccg atc tcg atg gac gtc tgg ggc aaa ggg      336
63 Arg Val Leu Pro Phe Asp Pro Ile Ser Met Asp Val Trp Gly Lys Gly

```

## RAW SEQUENCE LISTING

DATE: 03/11/2002

PATENT APPLICATION: US/09/424,840B

TIME: 09:51:56

Input Set : A:\100564-09049.txt

Output Set: N:\CRF3\03112002\I424840B.raw

```

64          100          105          110
66 acc acg gtc acc gtc tcc tca
67 Thr Thr Val Thr Val Ser Ser
68          115
71 <210> SEQ ID NO: 2
72 <211> LENGTH: 119
73 <212> TYPE: PRT
74 <213> ORGANISM: Homo sapiens
76 <400> SEQUENCE: 2
78 Gln Val Lys Leu Leu Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Glu
79 1          5          10          15
82 Thr Leu Ser Leu Asn Cys Thr Val Ser Gly Arg Ser Ile Ser Gly Tyr
83          20          25          30
86 Ser Trp Arg Trp Ile Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile
87          35          40          45
90 Gly Asp Ile Ser Tyr Ser Gly Ser Thr Lys Tyr Lys Pro Ser Leu Arg
91          50          55          60
94 Ser Arg Val Thr Leu Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
95 65          70          75          80
98 Lys Leu Asn Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
99          85          90          95
102 Arg Val Leu Pro Phe Asp Pro Ile Ser Met Asp Val Trp Gly Lys Gly
103          100          105          110
106 Thr Thr Val Thr Val Ser Ser
107          115
110 <210> SEQ ID NO: 3
111 <211> LENGTH: 333
112 <212> TYPE: DNA
113 <213> ORGANISM: Homo sapiens
115 <220> FEATURE:
116 <221> NAME/KEY: CDS
117 <222> LOCATION: (1)..(333)
118 <223> OTHER INFORMATION:
121 <400> SEQUENCE: 3
122 gtg gtg act cag cca ccc tca gcg tct ggg acc ccc ggg cag tgg gtc
123 Val Val Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Trp Val
124 1          5          10          15
126 acc atc tct tgt tct ggg agc agc tcc aac atc aga agt aat cct gtt
127 Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Arg Ser Asn Pro Val
128          20          25          30
130 agc tgg tat cac cag gtc cca ggc acg gcc ccc aaa ctc ctc atc ttt
131 Ser Trp Tyr His Gln Val Pro Gly Thr Ala Pro Lys Leu Leu Ile Phe
132          35          40          45
134 ggt agt cat cag cgg ccc tca ggg gtc cct gac cga ttc tct ggc tcc
135 Gly Ser His Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
136          50          55          60
138 aag tcg ggc acc tcc gcc tcc ctg gcc atc cgt ggg ctc caa tct ggg
139 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Arg Gly Leu Gln Ser Gly
140 65          70          75          80

```

## RAW SEQUENCE LISTING

DATE: 03/11/2002

PATENT APPLICATION: US/09/424,840B

TIME: 09:51:56

Input Set : A:\100564-09049.txt

Output Set: N:\CRF3\03112002\I424840B.raw

```

142 gat gct ggt gac tat tac tgt gca aca tgg gat gac ggc ctc aat ggt      288
143 Asp Ala Gly Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Gly Leu Asn Gly
144          85          90          95
146 ccg gtg ttc ggc gga ggg acc aag ctg acc gtc cta agt cag ccc      333
147 Pro Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Ser Gln Pro
148          100          105          110
151 <210> SEQ ID NO: 4
152 <211> LENGTH: 111
153 <212> TYPE: PRT
154 <213> ORGANISM: Homo sapiens
156 <400> SEQUENCE: 4
158 Val Val Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Trp Val
159 1          5          10          15
162 Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Arg Ser Asn Pro Val
163          20          25          30
166 Ser Trp Trp Tyr His Gln Val Pro Gly Thr Ala Pro Lys Leu Leu Ile Phe
167          35          40          45
170 Gly Ser His Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
171          50          55          60
174 Lys Ser Ser Gly Thr Ser Ala Ser Leu Ala Ile Arg Gly Leu Gln Ser Gly
175 65          70          75          80
178 Asp Ala Gly Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Gly Leu Asn Gly
179          85          90          95
182 Pro Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Ser Gln Pro
183          100          105          110
186 <210> SEQ ID NO: 5
187 <211> LENGTH: 369
188 <212> TYPE: DNA
189 <213> ORGANISM: Homo sapiens
191 <220> FEATURE:
192 <221> NAME/KEY: CDS
193 <222> LOCATION: (1)..(369)
194 <223> OTHER INFORMATION:
197 <400> SEQUENCE: 5
198 cag gtg aaa ctg ctc gag tct ggg gga ggc gtg gtc cag cct ggg agg      48
199 Gln Val Lys Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
200 1          5          10          15
202 tcc ctg aga ctc tcc tgt gca gcc tct gga ttc acc ttc agt agc tat      96
203 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
204          20          25          30
206 gct atg cac tgg gtc cgc cag gct cca ggc aag ggg ctg gag tgg gtg      144
207 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
208          35          40          45
210 gca gtt ata tca tat gat gga agc aat aaa tac tac gca gac tcc gtg      192
211 Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
212          50          55          60
214 aag ggc cga ttc gcc atc tcc aga gac aat tcc aag aac acg ctg tat      240
215 Lys Gly Arg Phe Ala Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
216 65          70          75          80

```

## RAW SEQUENCE LISTING

DATE: 03/11/2002

PATENT APPLICATION: US/09/424,840B

TIME: 09:51:56

Input Set : A:\100564-09049.txt

Output Set: N:\CRF3\03112002\I424840B.raw

```

218 ctg caa atg aac agc ctg aga gct gag gac acg gct gtg tat tac tgt      288
219 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
220                               85                      90          95
222 gcg aga gcg ctg ggg agc tgg ggg ggt tgg gac cac tac atg gac gtc      336
223 Ala Arg Ala Leu Gly Ser Trp Gly Gly Trp Asp His Tyr Met Asp Val
224                               100                     105          110
226 tgg ggc aaa ggg acc acg gtc acc gtc tcc tca      369
227 Trp Gly Lys Gly Thr Thr Val Thr Val Ser Ser
228                               115                     120
231 <210> SEQ ID NO: 6
232 <211> LENGTH: 123
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 6
238 Gln Val Lys Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
239 1                               5                      10          15
242 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
243                               20                      25          30
246 Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
247                               35                      40          45
250 Ala Val Ile Ser Tyr Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
251                               50                      55          60
254 Lys Gly Arg Phe Ala Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
255 65                             70                      75          80
258 Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
259                               85                      90          95
262 Ala Arg Ala Leu Gly Ser Trp Gly Gly Trp Asp His Tyr Met Asp Val
263                               100                     105          110
266 Trp Gly Lys Gly Thr Thr Val Thr Val Ser Ser
267                               115                     120
270 <210> SEQ ID NO: 7
271 <211> LENGTH: 333
272 <212> TYPE: DNA
273 <213> ORGANISM: Homo sapiens
275 <220> FEATURE:
276 <221> NAME/KEY: CDS
277 <222> LOCATION: (1)..(333)
278 <223> OTHER INFORMATION:
281 <400> SEQUENCE: 7
282 gtg gtg act cag cca ccc tca gcg tct ggg acc ccc ggg cag agg gtc      48
283 Val Val Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val
284 1                               5                      10          15
286 acc atc tct tgt tct gga agc agc tcc aac atc gga agt aat act gta      96
287 Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Thr Val
288                               20                      25          30
290 aac tgg tac cag cag ctc cca gga acg gcc ccc aaa ctc ctc atc tat      144
291 Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr
292                               35                      40          45
294 agt aat aat cag cgg ccc tca ggg gtc cct gac cga ttc tct ggc tcc      192

```

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/424,840B

DATE: 03/11/2002

TIME: 09:51:56

Input Set : A:\100564-09049.txt

Output Set: N:\CRF3\03112002\I424840B.raw

```

295 Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
296      50                      55                      60
298 aag tct ggc acc tca gcc tcc ctg gcc atc agt ggg ctc cag tct gag      240
299 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln Ser Glu
300 65                      70                      75                      80
302 gat gag gct gat tat tac tgt gca gca tgg gat gac agc ctg aat ggt      288
303 Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Asn Gly
304      85                      90                      95
306 tgg gtg ttc ggc gga ggg acc aag ctg acc gtc cta ggt cag ccc      333
307 Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Gln Pro
308      100                      105                      110
311 <210> SEQ ID NO: 8
312 <211> LENGTH: 111
313 <212> TYPE: PRT
314 <213> ORGANISM: Homo sapiens
316 <400> SEQUENCE: 8
318 Val Val Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg Val
319 1      5                      10                      15
322 Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Thr Val
323      20                      25                      30
326 Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr
327      35                      40                      45
330 Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
331      50                      55                      60
334 Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln Ser Glu
335 65      70                      75                      80
338 Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Asn Gly
339      85                      90                      95
342 Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Gly Gln Pro
343      100                      105                      110
346 <210> SEQ ID NO: 9
347 <211> LENGTH: 369
348 <212> TYPE: DNA
349 <213> ORGANISM: Homo sapiens
351 <220> FEATURE:
352 <221> NAME/KEY: CDS
353 <222> LOCATION: (1)..(369)
354 <223> OTHER INFORMATION:
357 <400> SEQUENCE: 9
358 cag gtg aaa ctg ctc gag tct ggg gga ggc ttg gtt cac ccc ggg ggg      48
359 Gln Val Lys Leu Leu Glu Ser Gly Gly Gly Leu Val His Pro Gly Gly
360 1      5                      10                      15
362 tcc ctg aga ctc tct tgt gca gcc tct gga ttt acg ttt gac aac ttt      96
363 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asp Asn Phe
364      20                      25                      30
366 gcc atg agc tgg gtc cgc cag gct cca ggg aag ggg ctg gag tgg gtc      144
367 Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
368      35                      40                      45
370 tca ggc att agt ggt ggt ggt ctt ttg aca cac tac gca gac tcc gtg      192

```

VERIFICATION SUMMARY

DATE: 03/11/2002

PATENT APPLICATION: US/09/424,840B

TIME: 09:51:57

Input Set : A:\100564-09049.txt

Output Set: N:\CRF3\03112002\I424840B.raw